| INFORMATION DISCLOSURE | Application Number | | 10551305 |
|--|----------------------------|--------------------------------|---------------------------|
| | Filing Date | | 2006-11-14 |
| | First Named Inventor Nancy | | cy Dean |
| (Not for submission under 37 CFR 1,99) | Art Unit | • | 2823 |
| (NOCIOI SUBMISSION UNDER OF OF N. 1.55) | Examiner Name | aminer Name William D. Coleman | |
| | Attorney Docket Number | | H0004275.84418 US2 - 4018 |

| | | | | U.S. | PATENTS | |
|----------------------|--|---------------|---------------------------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear |
| | ————————————————————————————————————— | 4620215 | | 1986-10-28 | Amdahl Corporation | |
| | 2 | 4546405 | | 1985-10-08 | International Business Machines Corporation | |
| | 3 | 4656499 | | 1987-04-07 | Olin Corporation | |
| | 4 | 4784974 | | 1988-11-15 | Olin Corporation | |
| | 5 | 4930001 | | 1990-05-29 | Hughes Aircraft Company | |
| | 6 | 5151777 | Α | 1992-09-29 | Delco Electronics Corporation | |
| | 7 | 5186379 | A | 1993-02-16 | Hughes Aircraft Company | |
| | 8 | 5217922 | А | 1993-06-08 | Hitachi Ltd. | |

| · · · · · · · · · · · · · · · · · · · | | | | |
|---------------------------------------|--|---------------------------|--|--|
| Application Number | | 10551305 | | |
| Filing Date | | 2006-11-14 | | |
| First Named Inventor Nancy | | Dean | | |
| Art Unit | | 2823 | | |
| Examiner Name William | | m D. Coleman | | |
| Attorney Docket Number | | H0004275.84418 US2 - 4018 | | |

| <u> </u> | 1 | T | I | 1 | |
|--------------|---------|---|------------|---------------------------------------|--|
| 9 | 5298791 | А | 1994-03-29 | Chomerics, Inc. | |
| 10 | 5448107 | Α | 1995-09-05 | Sumitomo Electric Industries Ltd. | |
| 11 | 5912805 | А | 1999-06-15 | Raymond G. Freuler, et al. | |
| 12 | 5134094 | Α | 1992-07-28 | Silicon Power Corporation | |
| 13 | 5139972 | А | 1992-08-18 | General Electric Company | |
| 14 | 5146981 | Α | 1992-09-15 | Digital Equipment Corporation | |
| 15 | 5220197 | Α | 1993-06-15 | Silicon Power Corporation | |
| 16 | 5367196 | Α | 1994-11-22 | Olin Corporation | |
| 17 | 5402006 | Α | 1995-03-28 | Texas Instruments Incorporated | |
| 18 | 5434105 | Α | 1995-07-18 | National Semiconductor Corporation | |
| 19 | 5513072 | A | 1196-04-30 | Kabushiki Kaisha Toshiba | |

| Application Number | | 10551305 | | |
|------------------------|------|---------------------------|--|--|
| Filing Date | | 2006-11-14 | | |
| First Named Inventor | Nanc | Dean | | |
| Art Unit | | 2823 | | |
| Examiner Name Willia | | m D. Coleman | | |
| Attorney Docket Number | | H0004275.84418 US2 - 4018 | | |

| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ** ********************************** | ······································ | | |
|--|---------|--|--|--|--|
| 20 | 5581119 | A | 1996-12-03 | National Semiconductor Corporation | |
| 21 | 5600619 | Α | 1997-02-04 | Seiko Epson Corporation | |
| 22 | 5608267 | А | 1997-03-04 | Olin Corporation | |
| 23 | 5650662 | А | 1997-07-22 | Steven F. Edwards, et al. | |
| 24 | 5660320 | Α | 1997-08-26 | MTU Motoren-Und Turbinen-Union | |
| 25 | 5672548 | A | 1997-09-30 | International Business Machines Corporation | |
| 26 | 5737191 | Α | 1998-04-07 | Shinko Electric Industries Co., Ltd. | |
| 27 | 5744863 | Α | 1998-04-28 | International Business Machines Corporation | |
| 28 | 5749988 | Α | 1998-05-12 | Jacques Leibovitz, et al. | |
| 29 | 5754402 | Α | 1998-05-19 | Sumitomo Electric Industries, Ltd. | |
| 30 | 5777385 | Α | 1998-07-07 | International Business Machines Corporation | |

| Application Number | | 10551305 | | |
|----------------------------|---|---------------------------|--|--|
| Filing Date | | 2006-11-14 | | |
| First Named Inventor Nancy | | Dean | | |
| Art Unit | • | 2823 | | |
| Examiner Name William | | n D. Coleman | | |
| Attorney Docket Number | | H0004275.84418 US2 - 4018 | | |

| | | | | | |
|------|---------|---|------------|--|--|
| 31 | 5796170 | А | 1998-08-18 | Northern Telecom Limited | |
| 32 | 5814883 | А | 1998-09-29 | Mitsubishi Demki Kabushiki Kaisha | |
| 33 | 5835352 | А | 1998-11-10 | Sumitomo Electric Industris, Ltd. | |
| 34 | 5844310 | A | 1998-12-01 | Hitachi Metals, Ltd. | |
| 35 | 5847929 | А | 1998-12-08 | International Business Machines Corporation | |
| 36 | 5869883 | A | 1999-02-09 | Stanley Wang, President PanTronix Corp. | |
| 37 | 5898211 | A | 1999-04-27 | Cutting Edge Optronics, Inc. | |
| 38 | 5903436 | А | 1999-05-11 | Intel Corporation | |
| 39 | 5905299 | Α | 1999-05-18 | Texas Instruments, Inc. | |
| 40 | 5917704 | A | 1999-06-29 | Ford Motor Company | |
| 41 | 5931222 | Α | 1999-08-03 | International Business Machines Corporation | |

| Application Number | | 10551305 | | |
|------------------------|------|---------------------------|--|--|
| Filing Date | | 2006-11-14 | | |
| First Named Inventor | Nanc | Dean | | |
| Art Unit | | 2823 | | |
| Examiner Name Willian | | m D. Coleman | | |
| Attorney Docket Number | | H0004275.84418 US2 - 4018 | | |

| | 42 | 5933323 | A | 1999-08-03 | Intel Corporation | |
|----------------------|------------|--------------------------|---------------------------|---------------------|---|--|
| | 43 | 5985684 | А | 1999-11-16 | Cutting Edge Optronics, Inc. | |
| | 44 | 6050476 | Α | 2000-04-18 | TRW Inc. | |
| | 45 | 6097602 | А | 2000-08-01 | Marian, Inc. | |
| | 46 | 6118177 | А | 2000-09-12 | Lucent Technologies, Inc. | |
| | 47 | 6191478 | B1 | 2001-02-20 | Agilent Technologies Inc. | |
| | 48 | 6218730 | B1 | 2001-04-17 | International Business Machines Corporation | |
| | 49 | 6249434 | B1 | 2001-06-19 | ADC Telecommunications, Inc. | |
| | 50 | 6294408 | B1 | 2001-09-25 | International Business Machines Corporation | |
| If you wis | h to a | dd additional U.S. Paten | t citatio | n information pl | ease click the Add button. | <u> </u> |
| | | | U.S.P | ATENT APPLIC | CATION PUBLICATIONS | |
| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear |

| Application Number | | 10551305 | | |
|------------------------|--------|---------------------------|--|--|
| Filing Date | | 2006-11-14 | | |
| First Named Inventor | Nanc | y Dean | | |
| Art Unit | | 2823 | | |
| Examiner Name | Willia | m D. Coleman | | |
| Attorney Docket Number | | H0004275.84418 US2 - 4018 | | |

| | 1 | 20020050407 | A1 | 2002-05 | 5-02 | Signetics KP (| Co., Ltd. | | | |
|----------------------|------------|---|--------------------------------|---------|---------------|------------------|--|---|--|--|
| If you wis | h to a | l dd additional U.S. Pub | | | | | | l button. | | · |
| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² i | / | Kind Code4 | Publication Date | Name of Patentee Applicant of cited Document | where Passa | s,Columns,Lines Relevant ages or Relevant as Appear | T5 |
| | 1 | 2003272385 | AU | | A1 | 2004-06-07 | Parker Hannifin Cor | р. | | |
| | 2 | 1172855 | EP | | A2 | 2002-01-16 | Infineon Technologi | es AG | | Hamilton de de la constitución d |
| | 3 | 10-074872 | JP | | | 1998-03-17 | Sumitomo Metal Mir Co., Ltd. | ning | | |
| | 4 | 10-163354 | JP | | | 1998-06-19 | Kyocera Corp. | t in the second | | |
| | 5 | 11-097871 | JP | | | 1999-04-09 | NEC Gumma Ltd. | | | |
| | 6 | 2001-094020 | jР | | | 2001-04-06 | Texas Instruments I | nc. | | |
| | 7 | 2001-210769 | JP | | | 2001-08-03 | Hitachi Ltd. | | | |
| | 8 | 2001-257296 | JP | | | 2001-09-21 | Tousui Ltd. | | | |

| Application Number | | 10551305 | | | | |
|------------------------|--------------------|---------------------------|--|--|--|--|
| Filing Date | | 2006-11-14 | | | | |
| First Named Inventor | Nancy | y Dean | | | | |
| Art Unit | _ | 2823 | | | | |
| Examiner Name | William D. Coleman | | | | | |
| Attorney Docket Number | | H0004275.84418 US2 - 4018 | | | | |

| 9 | 2003-277853 | J b | | 2003-10-02 | Dowa Mining Co. Ltd. | |
|--------|-------------|----------------|---|------------|--|-----------------|
| 10 | 2004-296726 | JÞ | | 2004-10-21 | Kyocera Corp. | |
| 11 | 2005-183830 | JP | | 2005-07-07 | Tanaka Kikinzoku Kogyo KK | |
| 12 | 2005-250441 | JP | | 2005-09-15 | Advanced Energy Technology Inc. | |
| 13 | 2006-179667 | JP | | 2006-07-06 | Oki Electric Ind. Co. Ltd. | |
| 14 | 11-163231 | JP | | 1999-06-18 | Mitsubishi Electric Corp. | |
| 15 | 3295260 | JP | Α | 1991-12-26 | Sumitomo Electric Industries | |
| 16 | 4006863 | JP | | 1992-01-22 | | Turning Control |
| 17 | 4186869 | JP | Α | 1992-07-03 | Denki Kagaku Kogyo KK | |
| 18 | 4280653 | JP | А | 1992-10-06 | Kyocera Corp. | |
| 19 | 4290250 | JP | A | 1992-10-14 | Kyocera Corp. | |
| | | | | | · ************************************ | <u></u> |

| Application Number | | 10551305 | | | |
|------------------------|--------------------|---------------------------|--|--|--|
| Filing Date | | 2006-11-14 | | | |
| First Named Inventor | Nancy | Dean | | | |
| Art Unit | | 2823 | | | |
| Examiner Name | William D. Coleman | | | | |
| Attorney Docket Number | | H0004275.84418 US2 - 4018 | | | |

| l | | | 1 | 1 | | |
|----|--|---|---|--|---|---|
| 20 | 4290251 | JP | A | 1992-10-14 | Kyocera Corp. | |
| 21 | 5326772 | JP | A | 1993-12-10 | Matsushita Electric Ind. Co., Ltd. | |
| 22 | 7263605 | JP | A | 1995-10-13 | Hitachi Cable | |
| 23 | 8241941 | JP | A | 1996-09-17 | Sumitomo Kinzoku Electric | |
| 24 | 8298299 | JP | А | 1996-11-12 | Hitachi Ltd. | |
| 25 | 9102559 | JP | A | 1997-04-15 | Mitsubishi Electric Corp. | |
| 26 | 01/92185 | wo | A1 | 2001-12-06 | Diamonex, Inc. | |
| 27 | 02/11504 | wo | A2 | 2002-02-07 | Intel Coporation | |
| 28 | 02/41394 | WO | A2 | 2002-05-23 | Honeywell International Inc. | |
| 29 | 03/064713 | wo | A1 | 2003-08-07 | Honeywell International Inc. | |
| 30 | 04/043123 | WO | A1 | 2004-05-21 | Parker-Hannifin Corporation | |
| | 21 22 23 24 25 26 27 28 | 21 5326772 22 7263605 23 8241941 24 8298299 25 9102559 26 01/92185 27 02/11504 28 02/41394 29 03/064713 | 21 5326772 JP 22 7263605 JP 23 8241941 JP 24 8298299 JP 25 9102559 JP 26 01/92185 WO 27 02/11504 WO 28 02/41394 WO | 21 5326772 JP A 22 7263605 JP A 23 8241941 JP A 24 8298299 JP A 25 9102559 JP A 26 01/92185 WO A1 27 02/11504 WO A2 28 02/41394 WO A2 | 21 5326772 JP A 1993-12-10 22 7263605 JP A 1995-10-13 23 8241941 JP A 1996-09-17 24 8298299 JP A 1996-11-12 25 9102559 JP A 1997-04-15 26 01/92185 WO A1 2001-12-06 27 02/11504 WO A2 2002-02-07 28 02/41394 WO A2 2002-05-23 29 03/064713 WO A1 2003-08-07 | 21 5326772 JP A 1993-12-10 Matsushita Electric Ind. 22 7263605 JP A 1995-10-13 Hitachi Cable 23 8241941 JP A 1996-09-17 Sumitomo Kinzoku Electric 24 8298299 JP A 1996-11-12 Hitachi Ltd. 25 9102559 JP A 1997-04-15 Mitsubishi Electric Corp. 26 01/92185 WO A1 2001-12-06 Diamonex, Inc. 27 02/11504 WO A2 2002-02-07 Intel Coporation 28 02/41394 WO A2 2002-05-23 Honeywell International Inc. 29 03/064713 WO A1 2003-08-07 Honeywell International Inc. 20 03/064713 WO A1 2003-08-07 Honeywell International Inc. |

| Application Number | | 10551305 | | | | |
|------------------------|--------|---------------------------|--|--|--|--|
| Filing Date | | 2006-11-14 | | | | |
| First Named Inventor | Nanc | y Dean | | | | |
| Art Unit | | 2823 | | | | |
| Examiner Name | Willia | William D. Coleman | | | | |
| Attorney Docket Number | | H0004275.84418 US2 - 4018 | | | | |

| | 31 | 04/070304 | 4 | wo | A2 | 2004-08-19 | Coo | ligy, Inc. | | |
|--|--|-------------|---------------|----------------|----------|---------------|-------------|-----------------------|---|--|
| | 32 | 04/090938 | 3 | wo | A2 | 2004-10-21 | Hon Inc. | eywell International | | THE PERSON NAMED IN COLUMN NAM |
| | 33 | 05/013362 | 2 | wo | A1 | 2005-02-10 | Inte | Corporation | | |
| | 34 | 05/047378 | 3 | wo | A2 | 2005-05-26 | Dow | Corning Corporation | | |
| | 35 | 06/065282 | 2 | wo | A1 | 2006-06-22 | Dow | / Corning Corporation | | |
| If you wis | h to a | dd additior | nal Foreign P | atent Document | citation | information p | lease | click the Add buttor | 1 | |
| | | | | NON-PATE | NT LITE | ERATURE DO | CUM | ENTS | | |
| Examiner Initials* | Examiner Initials* Cite No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | | | | | | | T 5 | | |
| | 1 | | | | | | | | | |
| If you wish to add additional non-patent literature document citation information please click the Add button | | | | | | | | | | |
| EXAMINER SIGNATURE | | | | | | | | | | |
| Examiner Signature Date Considered | | | | | | | | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | | | |
| ¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached. | | | | | | | | | | |